

What is claimed is:

- ~~SUB A 2~~ 1. An audio and/or video signal transmission system for transmitting an audio and/or video signal between a transmitting apparatus and a receiving apparatus, comprising
- one or a plurality of audio and/or video signal transmitting apparatuses each including audio and/or video signal generating means, one or a plurality of analog output means for outputting said audio and/or video signal, and one or a plurality of digital input/output means for inputting/outputting said audio and/or video signal, and
- an audio and/or video signal receiving apparatus including one or a plurality of analog input means for inputting an audio and/or video signal, one or a plurality of digital input/output means for inputting/outputting an audio and/or video signal, and signal forming means for forming at least a display video signal from said input audio and/or video signal,
- wherein said one or a plurality of the audio and/or video signal transmitting apparatuses each include information generating means for forming information indicating the format of said transmitting apparatus and/or output signal and outputting it from said digital input/output means, and
- said audio and/or video signal receiving apparatus includes information processing means for superimposing on said display video signal an image input from said digital input/output means and corresponding to the input information

indicating the format of said apparatus and/or output signal.

2. An audio and/or video signal transmission system as described in claim 1, wherein

said information generating means forms and transmits information indicating the format of said apparatus and/or output signal according to a predetermined code, and

said information processing means determines the format of said apparatus and/or output signal in accordance with a comparison table presetting said transmitted code and superimposes said image on said display video image.

3. An audio and/or video signal transmission system as described in claim 1,

wherein said information generating means forms and transmits said information indicating said apparatus and/or output signal format with an arbitrary logo character, and

said information processing means receives said transmitted logo character and superposes it on said display video signal.

4. An audio and/or video signal transmission system as described in claim 3,

wherein said logo character is transmitted by being formed in the bit map format.

5. An audio and/or video signal transmission system as described in claim 1,

wherein said audio and/or video signal receiving

apparatus superposes said image on said display video signal corresponding to the information indicating said apparatus and/or output signal format for each of the video signals transmitted from said plurality of the audio and/video signal transmitting apparatuses,

said system further comprising window synthesis means for synthesizing said video signal with said image superimposed thereon using a plurality of windows.

6. An audio and/or video signal transmission system as described in claim 1,

wherein said audio and/or video signal and said information indicating said apparatus and/or output signal format in said digital input/output means are transmitted using a format specified in IEEE1394.

7. An audio and/or video signal transmitting apparatus including audio and/or video signal generating means, one or a plurality of analog output means for outputting said audio and/or video signal, and one or a plurality of digital input/output means for inputting/outputting said audio and/or video signal,

characterized by including information generating means for forming information indicating the format of said apparatus and/or output signal and outputting it from said digital input/output means.

8. An audio and/or video transmitting apparatus as

described in claim 7,

wherein said information generating means forms said information indicating said apparatus and/or output signal format according to a predetermined code.

9. An audio and/or video transmitting apparatus as described in claim 7,

wherein said information generating means transmits by forming said information indicating said apparatus and/or output signal format according to an arbitrary logo character.

10. An audio and/or video transmitting apparatus as described in claim 9,

wherein said logo character is formed and transmitted in the bit map data format.

11. An audio and/or video transmitting apparatus as described in claim 7,

wherein said audio and/or video signal and said information indicating the said apparatus and/or output signal format in said digital input/output means are transmitted using a format specified in IEEE1394.

12. An audio and/or video signal receiving apparatus including one or a plurality of analog input means for inputting an audio and/or video signal, one or a plurality of digital input/output means for inputting/outputting an audio and/or video signal, and signal forming means for forming at least a display video signal from said input audio and/or video signal,

wherein

the information indicating the apparatus and/or transmission signal at the transmitting end is supplied to said digital input/output means,

the apparatus further including information processing means for superimposing the image corresponding to the information input from said digital input/output means on said display video signal.

13. An audio and/or video receiving apparatus as described in claim 12, wherein

said information supplied to said digital input/output means is formed by a predetermined code, and

said information processing means superimposes said image on said display video signal by determining said apparatus and/or transmission signal format at the transmitting end according to the comparison table with said code preset therein.

14. An audio and/or video receiving apparatus as described in claim 12, wherein

said information supplied to said digital input/output means is formed and transmitted with an arbitrary logo character, and

said transmitted logo character is received and superimposed on said display video signal.

15. An audio and/or video receiving apparatus as described in claim 14,

wherein said logo character is formed and transmitted in the bit map data format.

16. An audio and/or video receiving apparatus as described in claim 12, wherein

said image is superimposed on said display video signal corresponding to the information indicating said apparatus and/or transmission signal format at said transmitting end for each of a plurality of said received video signals,

the apparatus further including window synthesis means for synthesizing said video signal with said image superimposed thereon, using a plurality of windows.

17. An audio and/or video receiving apparatus as described in claim 12,

wherein said information indicating the format of said audio and/or video signal in said digital input/output means and said apparatus and/or transmission signal at the transmitting end are transmitted using a format specified in IEEE1394.